

For more Information  
please call

1-800-Belden1



## General Description:

75 ohm, 30 AWG stranded (7x38) .012" silver-plated copper-covered steel conductor, TFE Teflon® insulation, silver-plated copper braid shield (95% coverage), TFE tape jacket.

## Physical Characteristics (Overall)

### Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	30	7x38	SPCCS - Silver Plated Copper Covered Steel	0.3048

Total Number of Conductors: 1

### Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Dia. (mm)
Teflon®	TFE - Tetrafluoroethylene	1.6002

### Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	SPC - Silver Plated Copper	95

### Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material
Teflon®	TFE - Tetrafluoroethylene

### Overall Cable

Overall Nominal Diameter: 2.667 mm

## Mechanical Characteristics (Overall)

Operating Temperature Range: -70°C To +200°C

Non-UL Temperature Rating: 200°C

Bulk Cable Weight: 14.882 Kg/Km

Max. Recommended Pulling Tension: 80.068 N

Min. Bend Radius/Minor Axis: 25.400 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Military Specification: MIL-C-17D

RG Type: 187A/U

### Flame Test

UL Flame Test: VW-1

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Electrical Characteristics (Overall)**

**Nom. Characteristic Impedance:**

**Impedance (Ohm)**  
75.000

**Nom. Inductance:**

**Inductance (µH/m)**  
0.3281

**Nom. Capacitance Conductor to Shield:**

**Capacitance (pF/m)**  
63.9795

**Nominal Velocity of Propagation:**

**VP (%)**  
69.5

**Nominal Delay:**

**Delay (ns/m)**  
4.72464

**Nom. Conductor DC Resistance:**

**DCR @ 20°C (Ohm/km)**  
800.564

**Nominal Outer Shield DC Resistance:**

**DCR @ 20°C (Ohm/km)**  
28.2166

**Nom. Attenuation:**

Freq. (MHz)	Attenuation (dB/100m)
1	9.843
10	17.3893
50	27.8885
100	32.81
200	41.0125
400	52.496
700	64.6357
900	73.1663
1000	78.744

**Max. Operating Voltage - Non-UL:**

**Voltage**  
900 V RMS

**Notes (Overall)**

**Notes:** Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83267 009100	100 FT	1.900 LB	WHITE	E	#30 COAX RG-187A/U
83267 0091000	1,000 FT	11.000 LB	WHITE	E	#30 COAX RG-187A/U

**Notes:**

E = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.